

1/26

Fig. 1

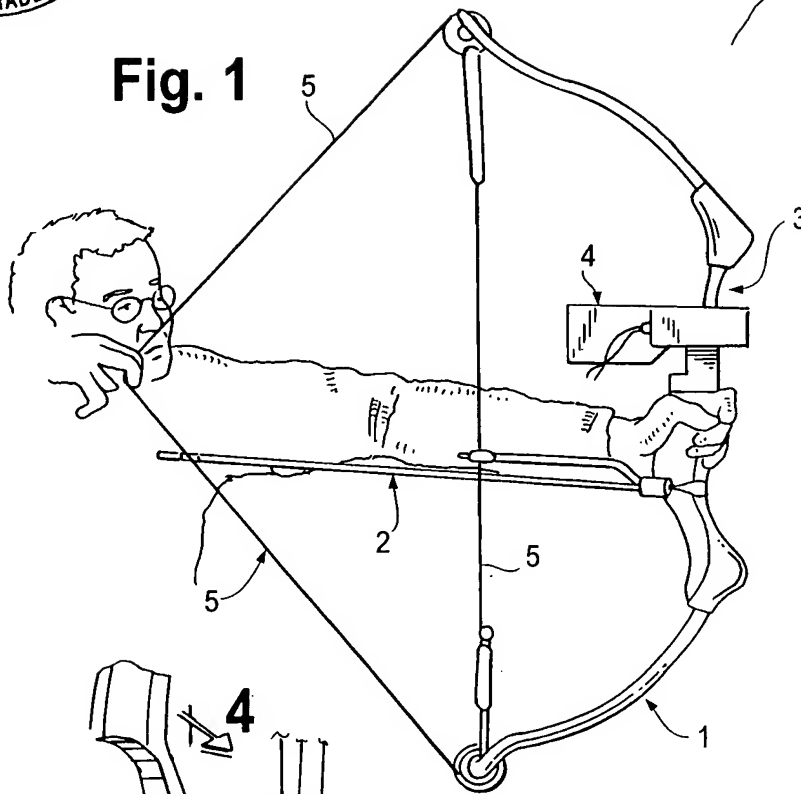


Fig. 2

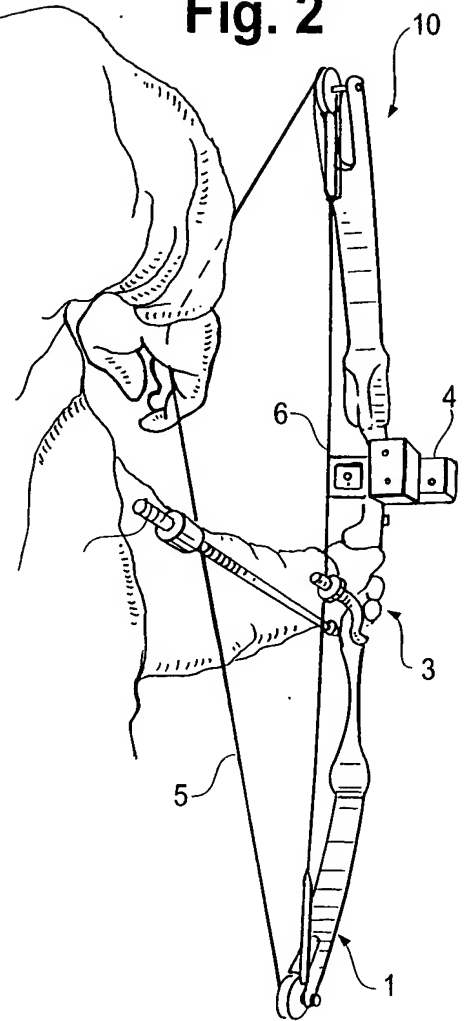


Fig. 3

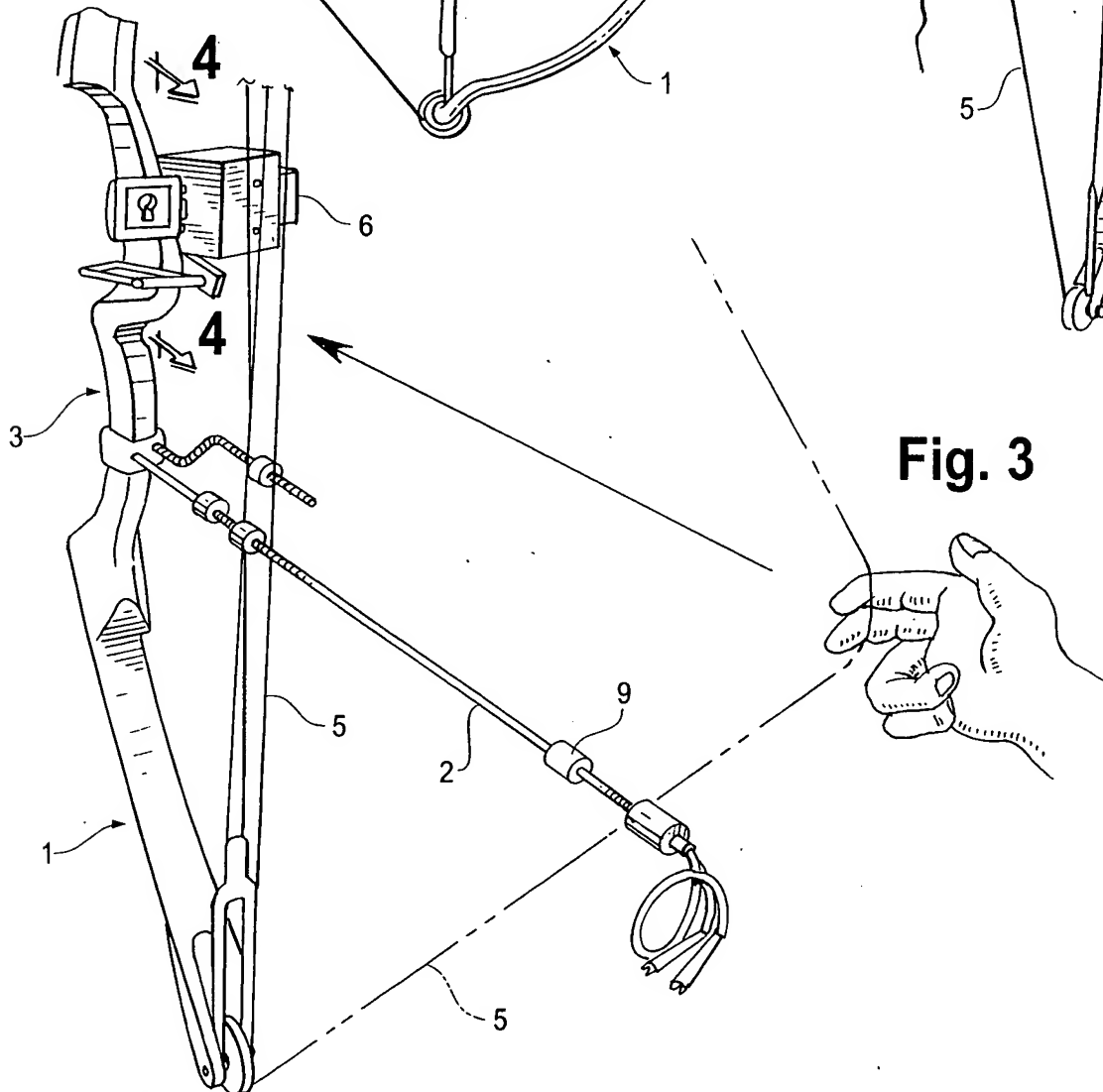


Fig. 4

2/26

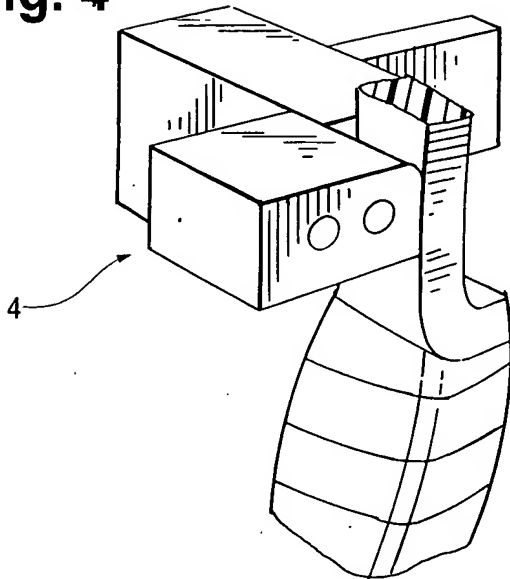


Fig. 5

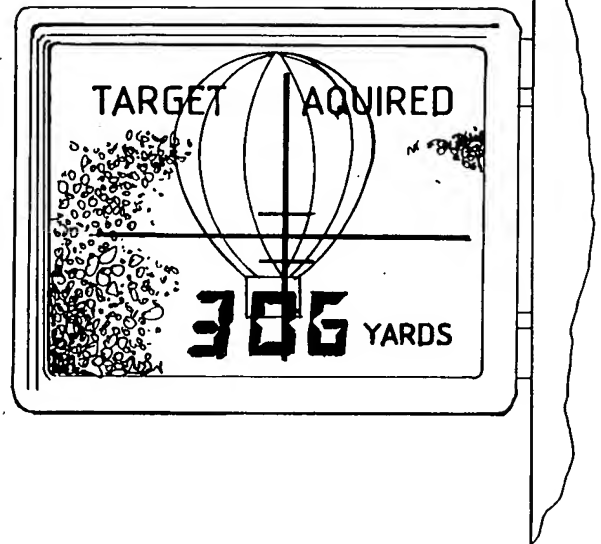


Fig. 6

SimShot [] [] [X]

File Edit Window Help

Main Speed Trajectory

Configurations: Test Configuration 1 ▾

Bow/Unit Information		Arrow Information	
Unit Offset:	2.2	Arrow Length:	26
Parallax:	2.2	Arrow Weight:	384
Sight Length:	30	Arrow Diameter:	.624
		Fletching Length:	5.5
		Arrow Speed:	280

Edit Edit

New Save Simulator Shaft Select

Fig. 6A

The screenshot shows the 'Sim Shot' application window. It has a menu bar with 'File', 'Tools', and 'Help'. Below the menu bar are three tabs: 'Main', 'Speed', and 'Trajectory'. The 'Main' tab is selected. Under the 'Main' tab, there is a 'Configurations:' dropdown menu set to 'Test Configuration 1'. Below this, there are two main sections: 'Bow/Unit Information' and 'Arrow Information'. Each section contains several input fields and an 'Edit' button. At the bottom of the window, there are four buttons: 'New', 'Save', 'Simulator', and 'Shaft Select'.

Bow/Unit Information		Arrow Information	
Unit offset:	1.5	Arrow Length:	26
Parallax:	2.2	Arrow Weight:	334
Sight Length:	30	Arrow Diameter:	.624
Sight Zero:	15	Fletching Length:	5.5
		Arrow Speed:	280

Fig. 6B

The screenshot shows the 'Sim Shot' application window with the 'Main' tab selected. It features a 'Number of Marks' dropdown menu set to '3 Marks' and an 'Arrow Speed' input field set to '297 fps'. Below these, there are two columns of input fields for 'Distance' and 'Vehicle Drop'. At the bottom right, there is a 'Calculate Speed' button.

Distances		Vehicle Drops	
Distance 1	10	Vehicle Drop 1:	0
Distance 2	20	Vehicle Drop 2:	4
Distance 3	30	Vehicle Drop 3:	10

Fig. 6C

4/26

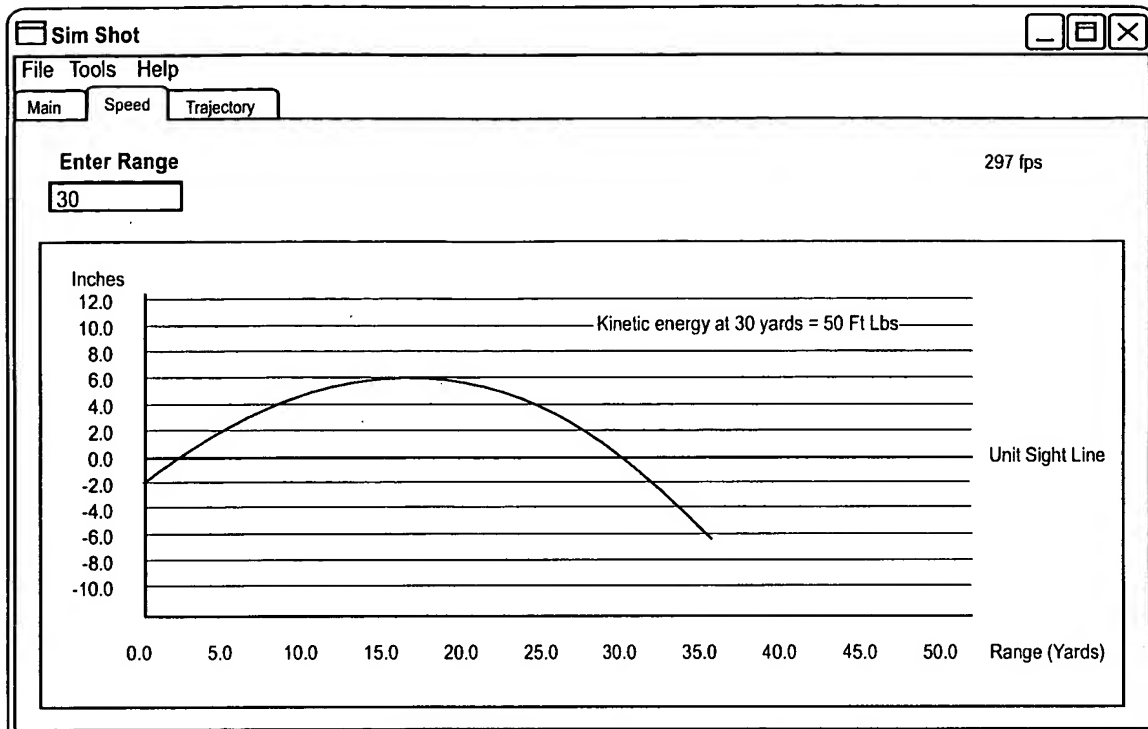


Fig. 6D

Sim Shot

Shaft Manufacturer Easton	Shaft Length 23.5	Point Weight 	Estimated Weight
Shaft Type A/C Kinetic II	Fletching Length 2 1/2	Point Insert Weight 	Measured Weight
Shaft Size 340	Shaft Diameter 0.3	Nock Weight 13.0	% FOC
	Spine 340	Nock Insert Weight 23.0	Grains Per Inch 11.04

Shaft Type <input checked="" type="radio"/> Straight Aluminum <input type="radio"/> Straight Carbon <input type="radio"/> Straight Composite <input type="radio"/> Barreled Composite	Fletch Type <input type="radio"/> Plastic Fletch <input checked="" type="radio"/> Feather <input type="radio"/> Spin Wing	Number of Fletch <input checked="" type="radio"/> Three Fletch <input type="radio"/> Four Fletch
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Fig. 6E

Shaft Selector

Shaft Manufacturer <input type="text"/>	Allow Length <input type="text"/>	Release Type <input type="radio"/> Rope Release
Shaft Type <input type="text"/>	Point Weight <input type="text"/>	<input type="radio"/> Jaws Release
Shaft Size <input type="text"/>	Peak Bow Weight <input type="text"/>	<input type="radio"/> Tied Loop
Select Bow <input type="text"/>	Draw Length <input type="text"/>	<input type="radio"/> Fingers
		String Material <input type="radio"/> Modern Synthetic
		<input type="radio"/> Dacron
		Overdraw Length <input type="radio"/> None <input type="radio"/> 3"
		<input type="radio"/> 1" <input type="radio"/> 4"
		<input type="radio"/> 2" <input type="radio"/> 5"

Est Speed: Arrow Wt: FOC: Gr/Lb:

Mfg	Shaft Type	Size	Spine	Weight	Speed

Exit

Fig. 6F

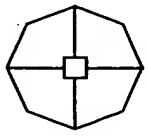
Shot Images

Click the Browse button to search for image files on your computer. You can use them as shot images.

Shot Pictures
Red Dot
<input checked="" type="checkbox"/> Cross Hairs

Browse...
Remove
Set Default

Preview



Download more shot pictures...

Ok **Cancel** **Help**

Fig. 6G


Arrow Images

Click the Browse button to search for image files on your computer. You can use them as arrow images.

Shot Pictures
<input checked="" type="checkbox"/> Red Dot
Cross Hairs

Browse...
Remove
Set Default

Preview



Download more arrow pictures...

Ok **Cancel** **Help**

Fig. 6H

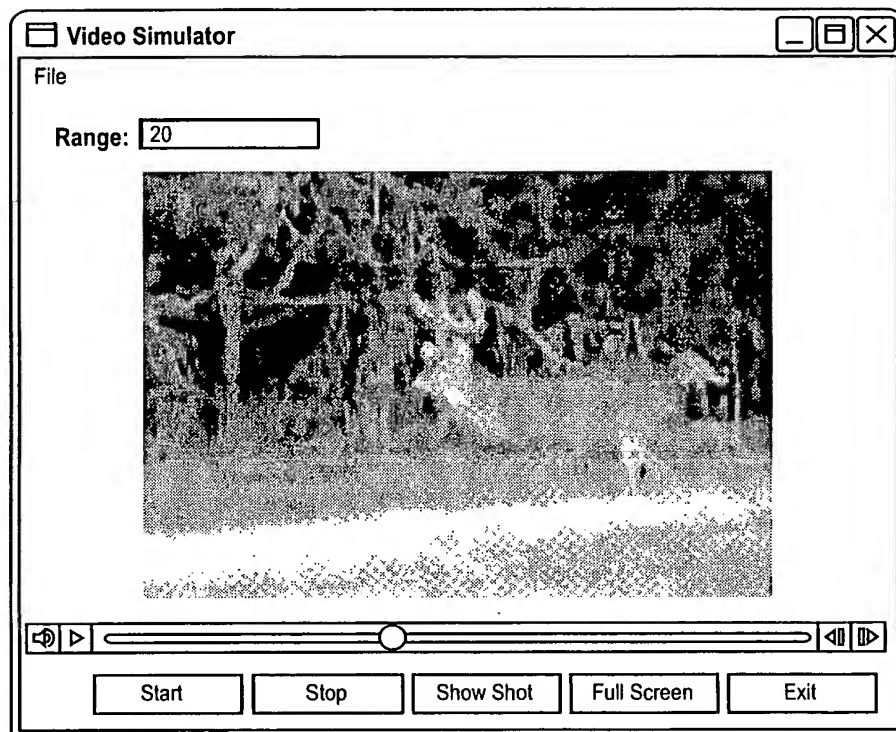


Fig. 7

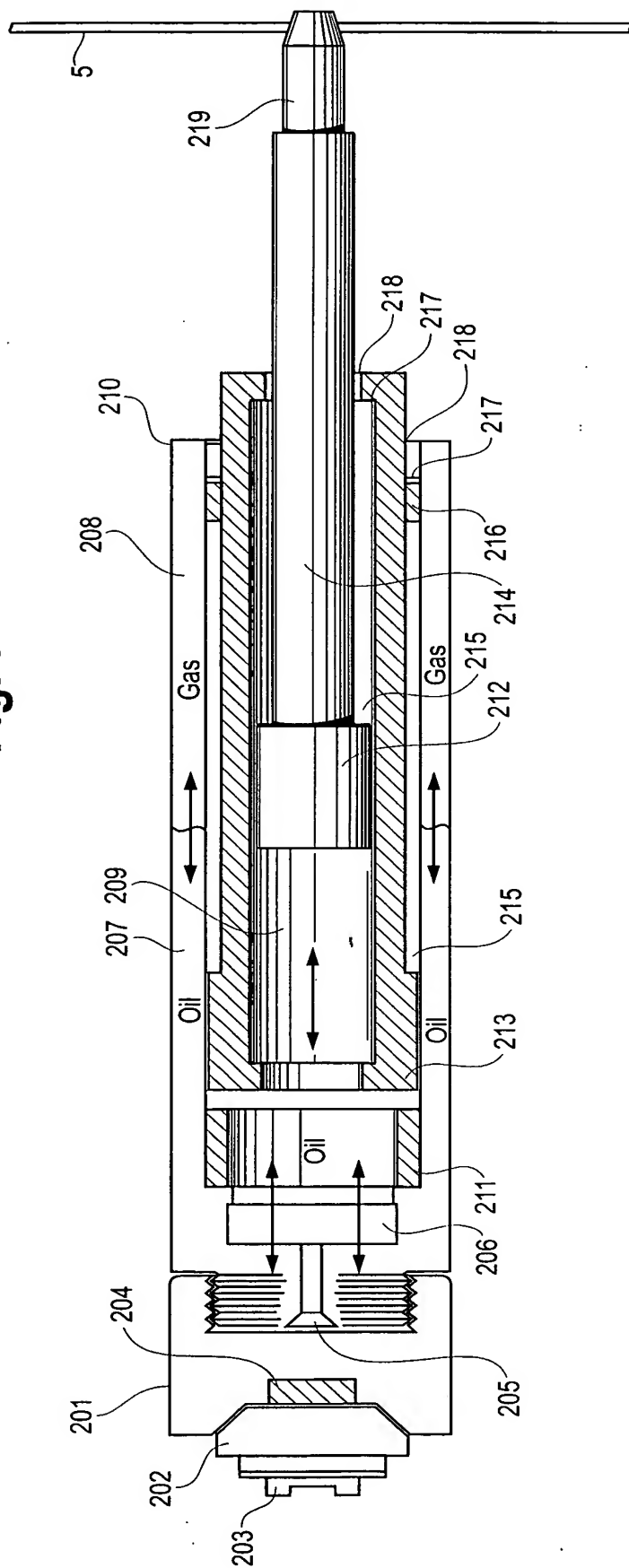


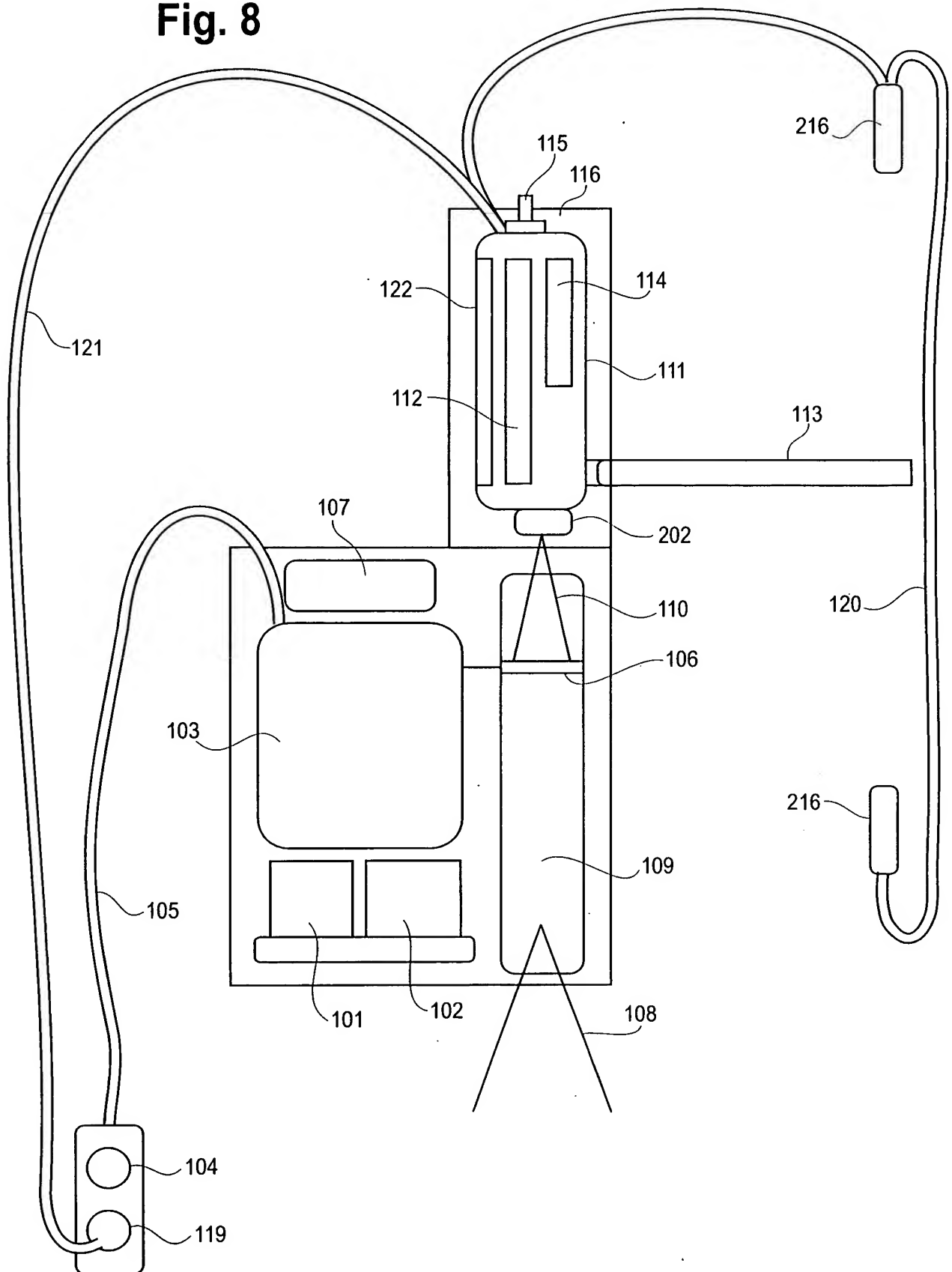
Fig. 8

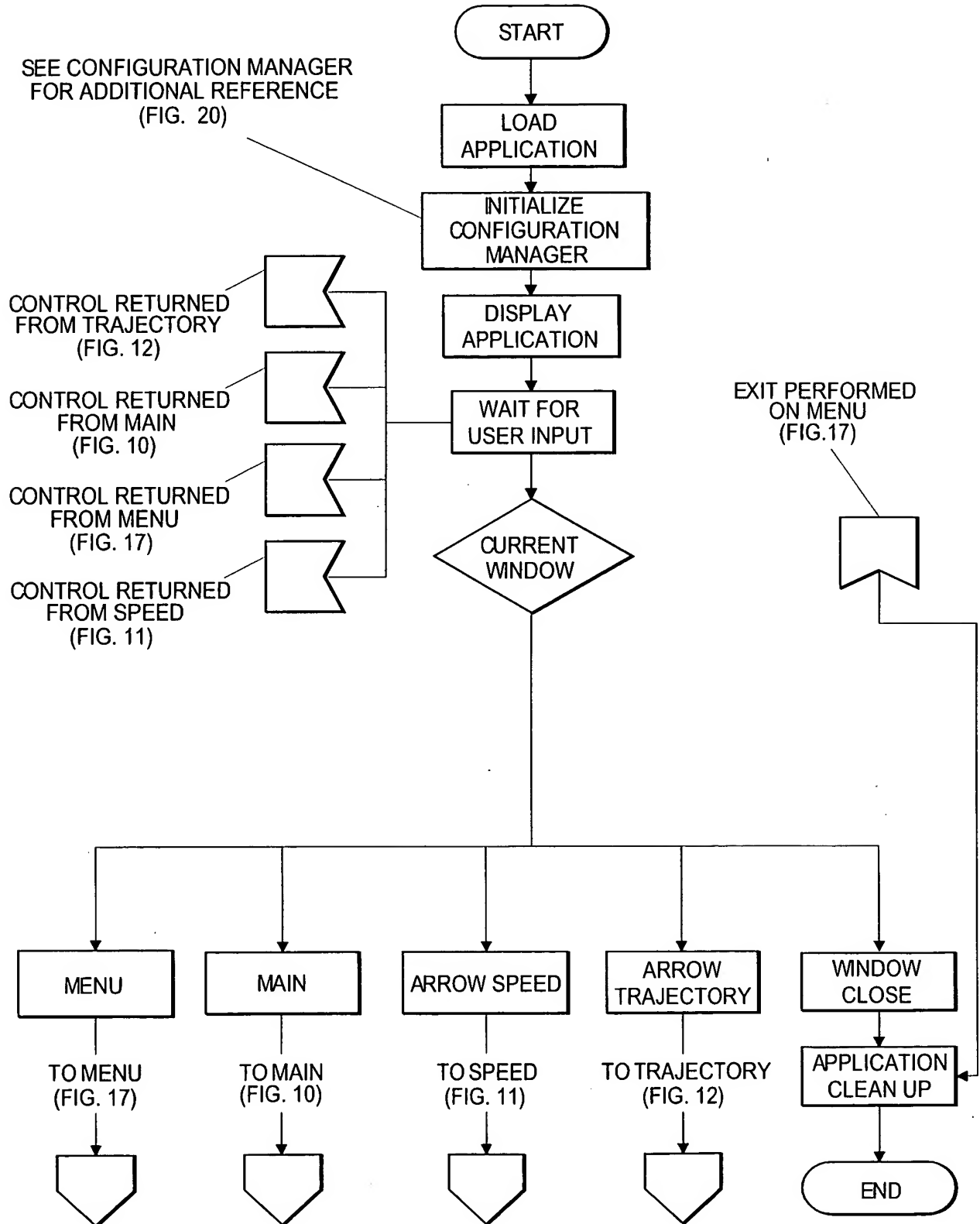
Fig. 9

Fig. 10

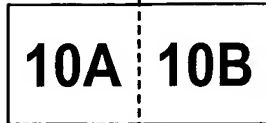
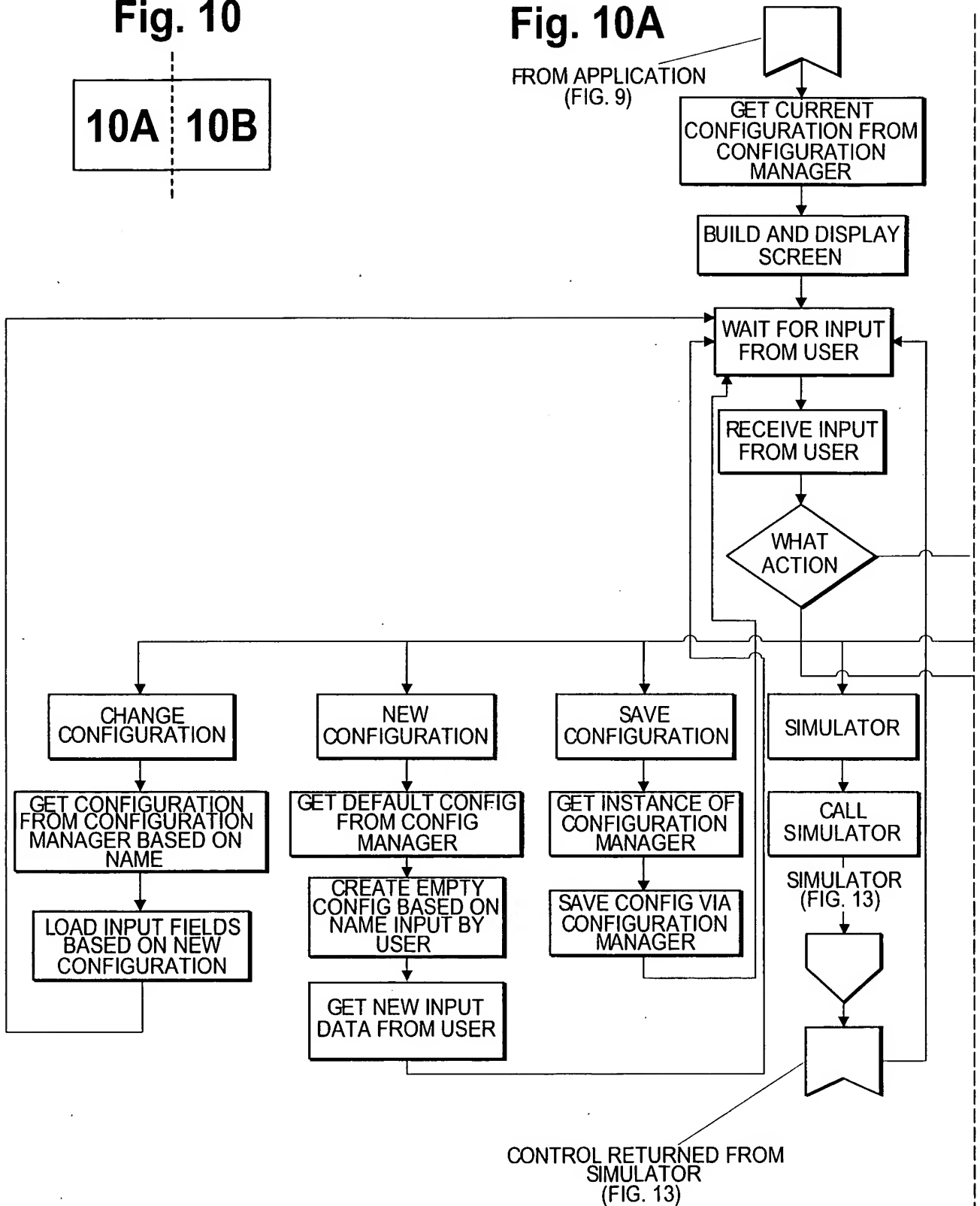


Fig. 10A



11/26

Fig. 10B

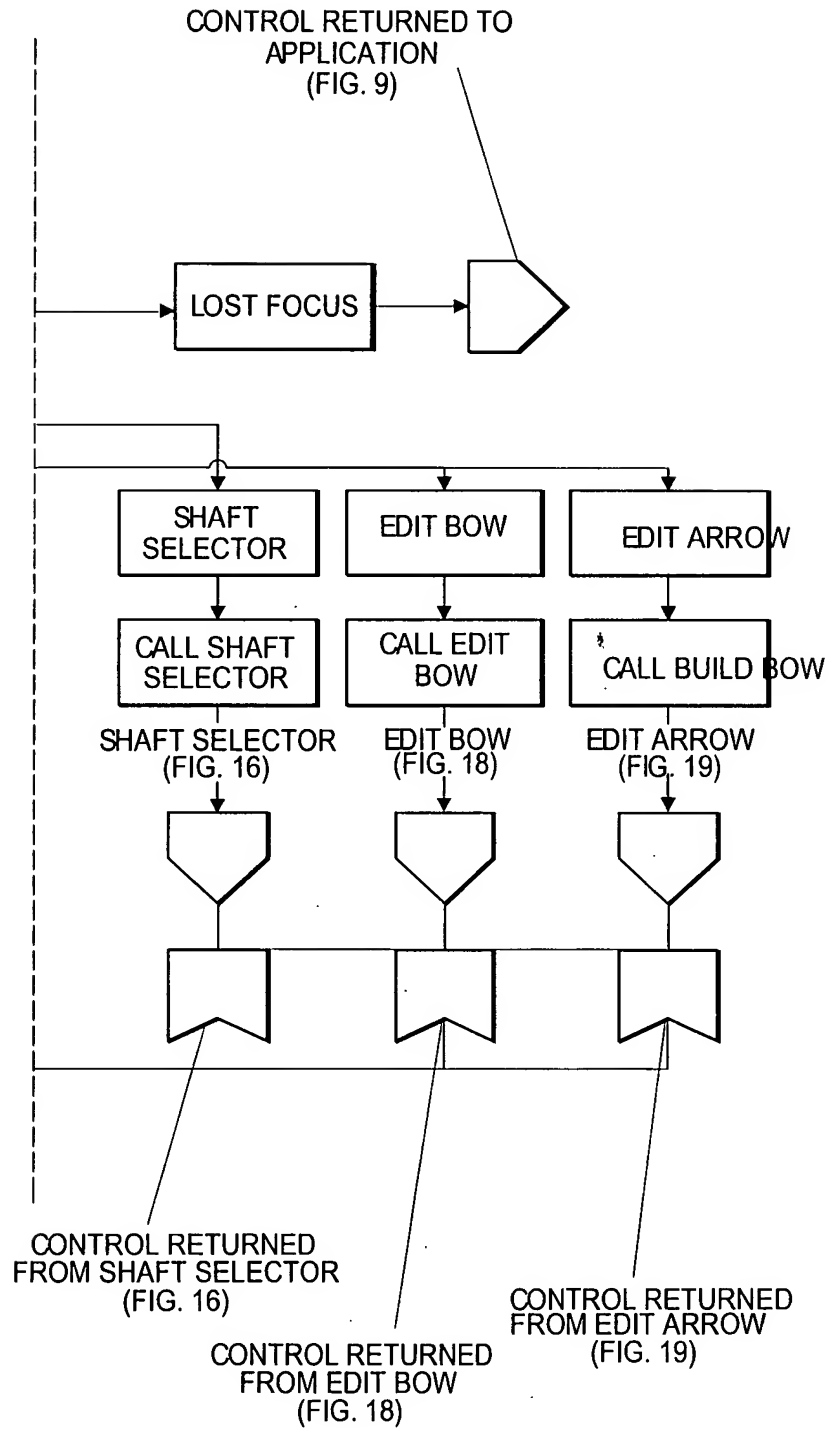


Fig. 11

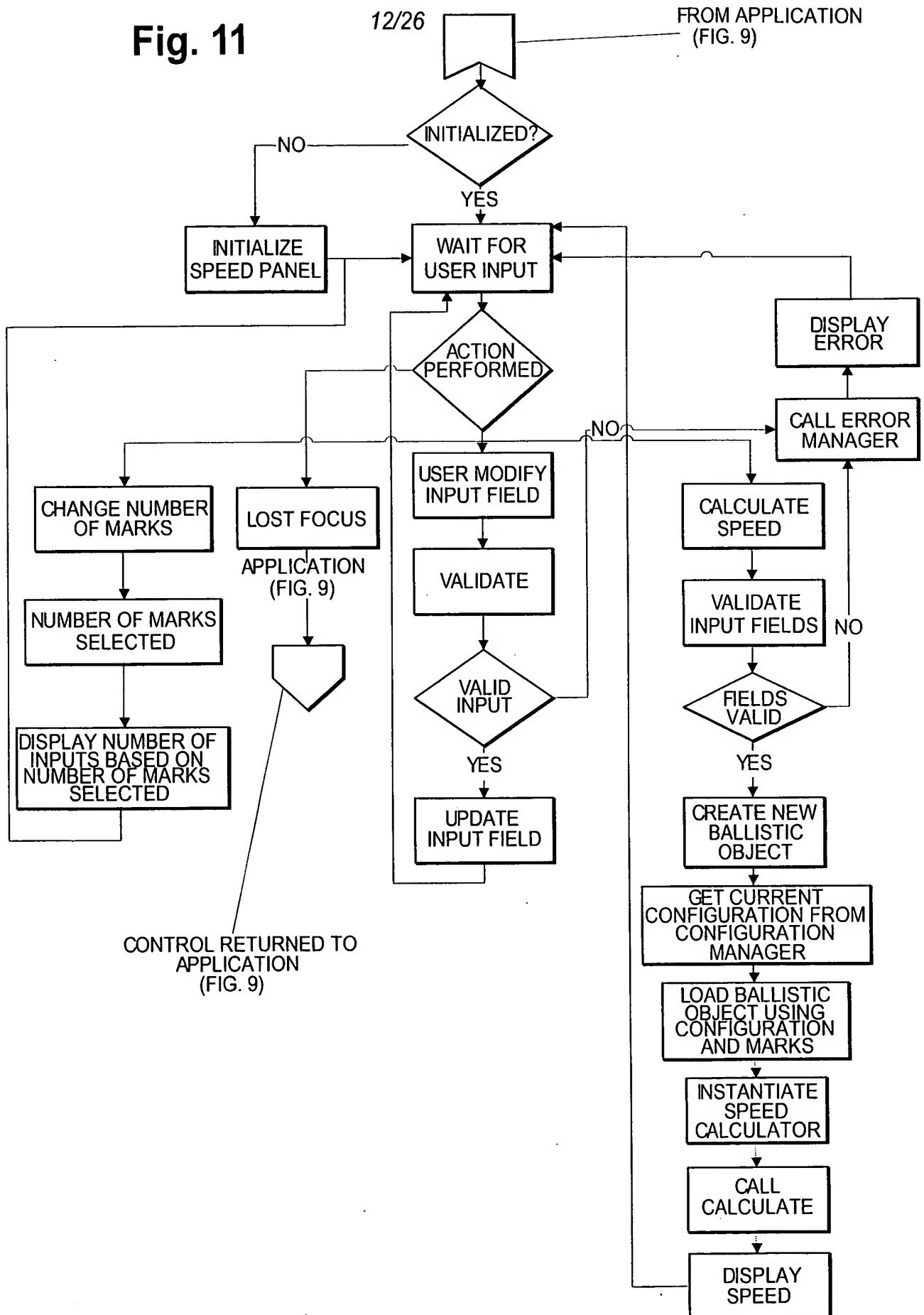


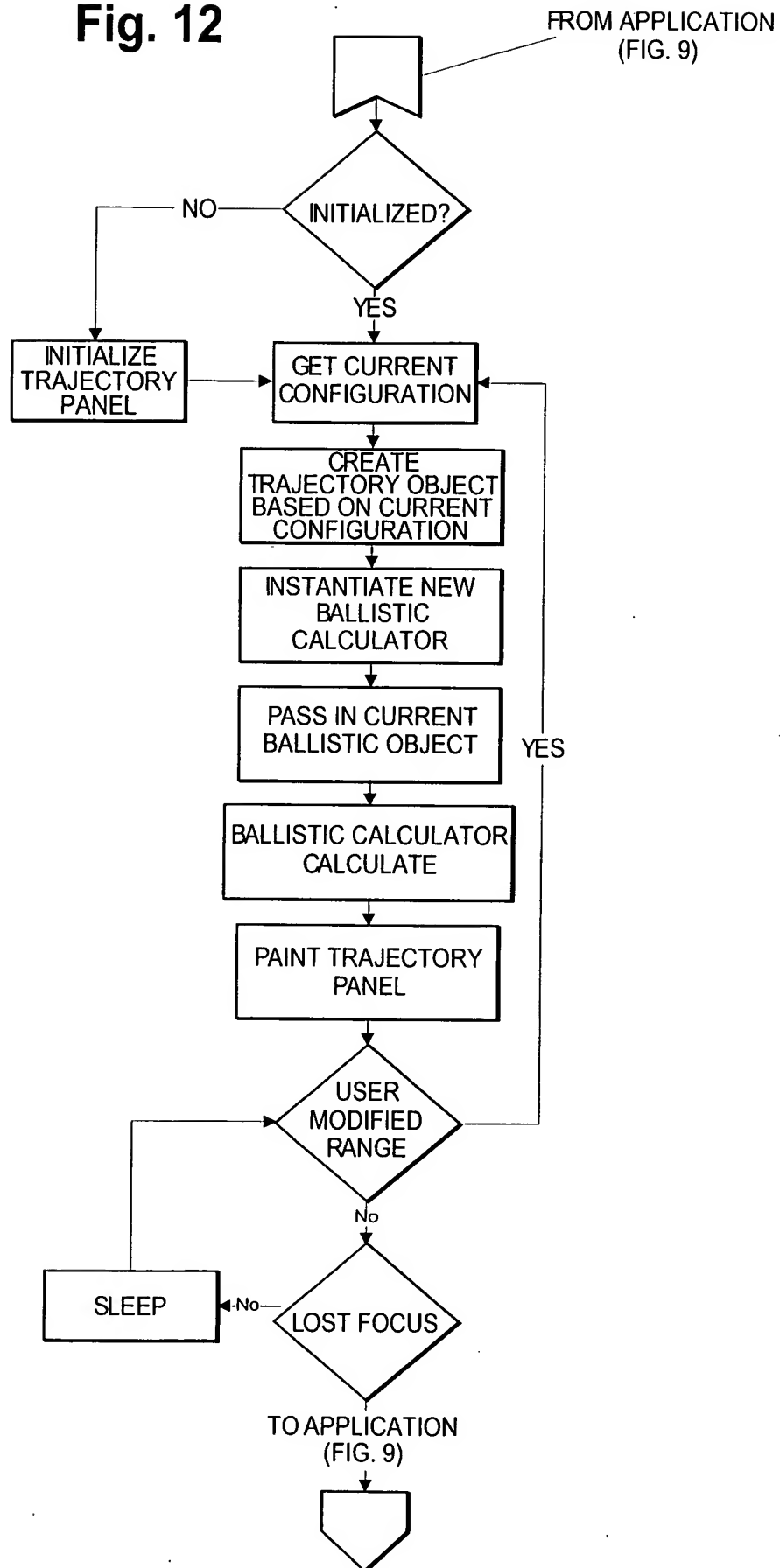
Fig. 12

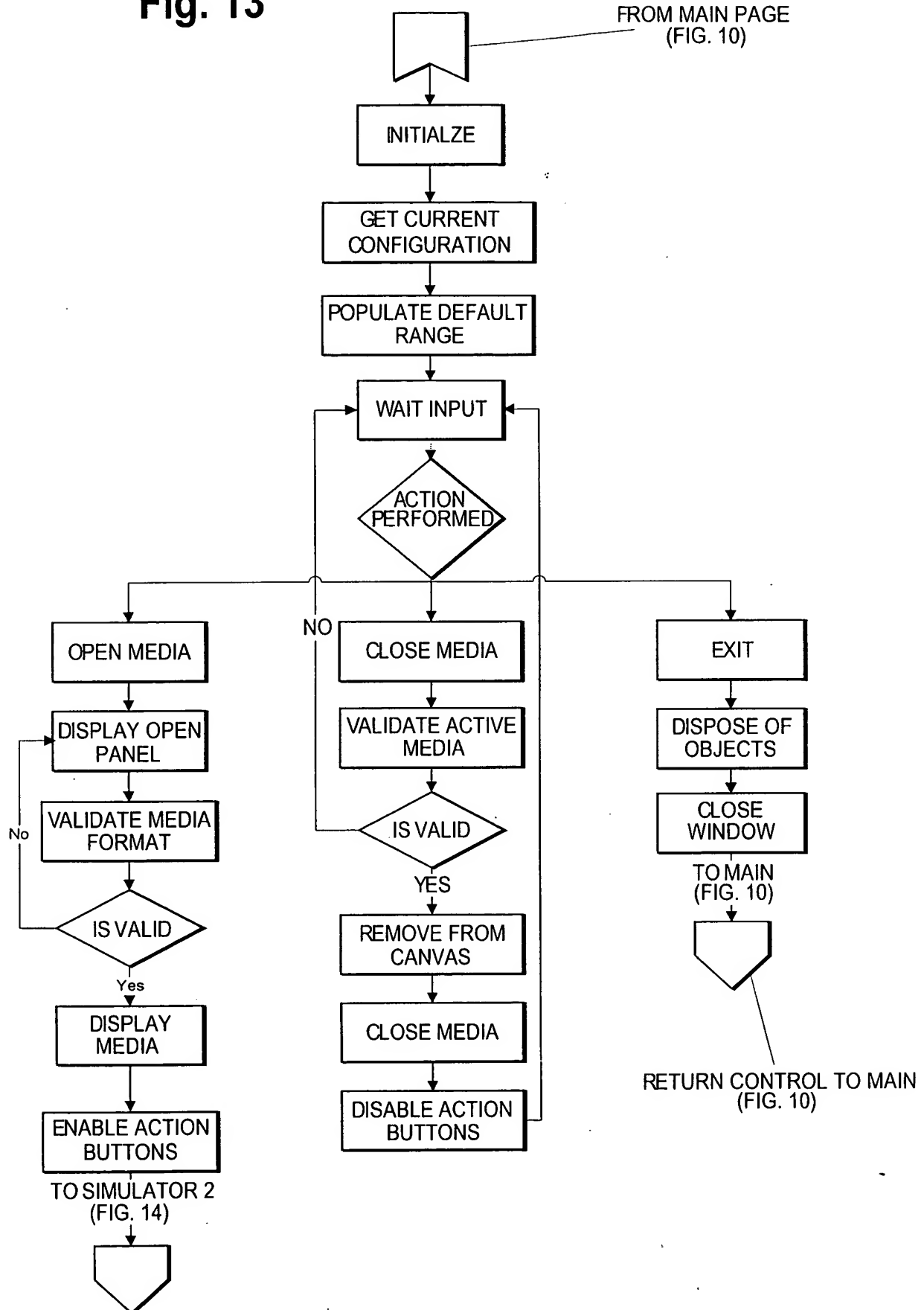
Fig. 13

Fig. 14

15/26

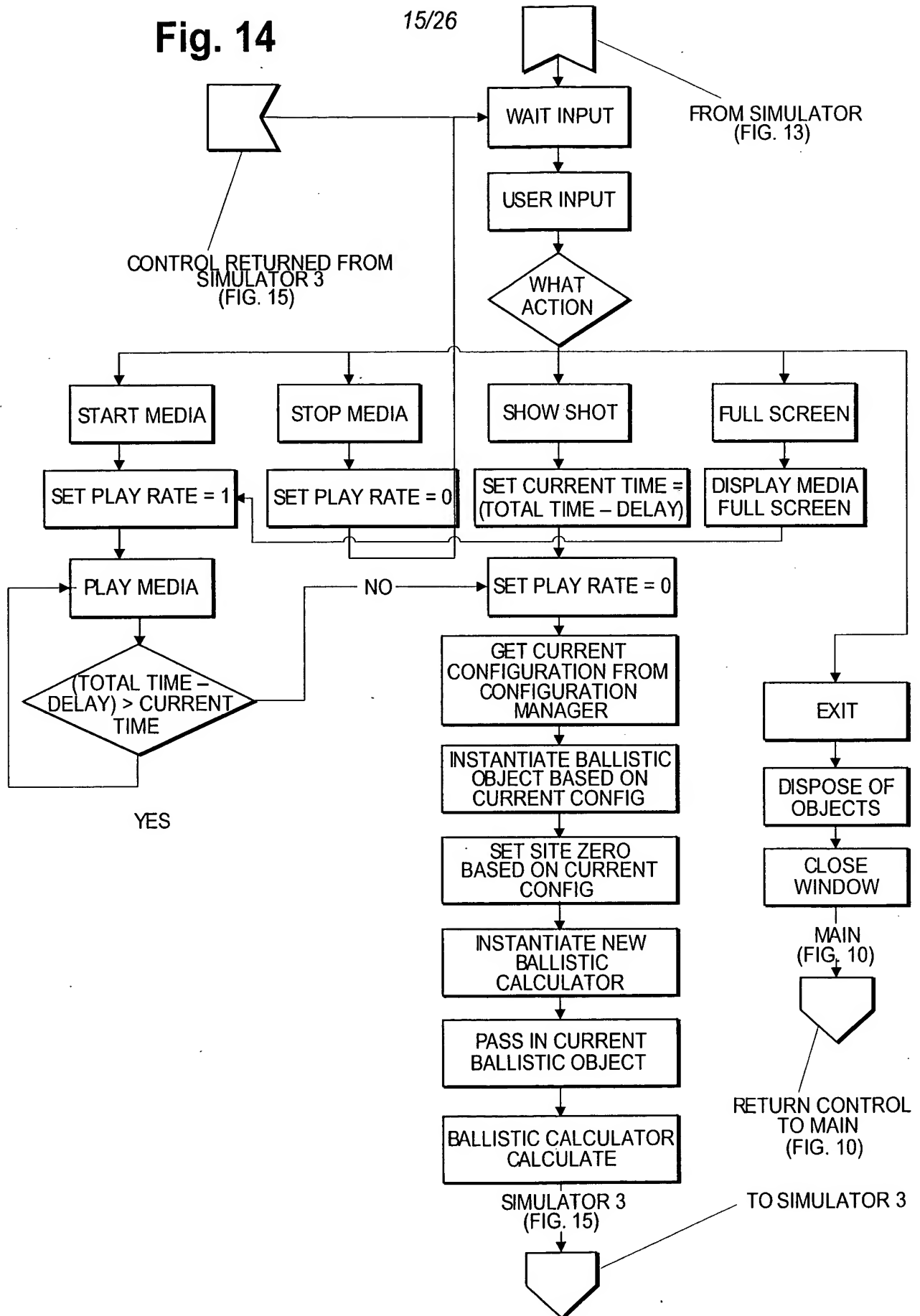


Fig. 15

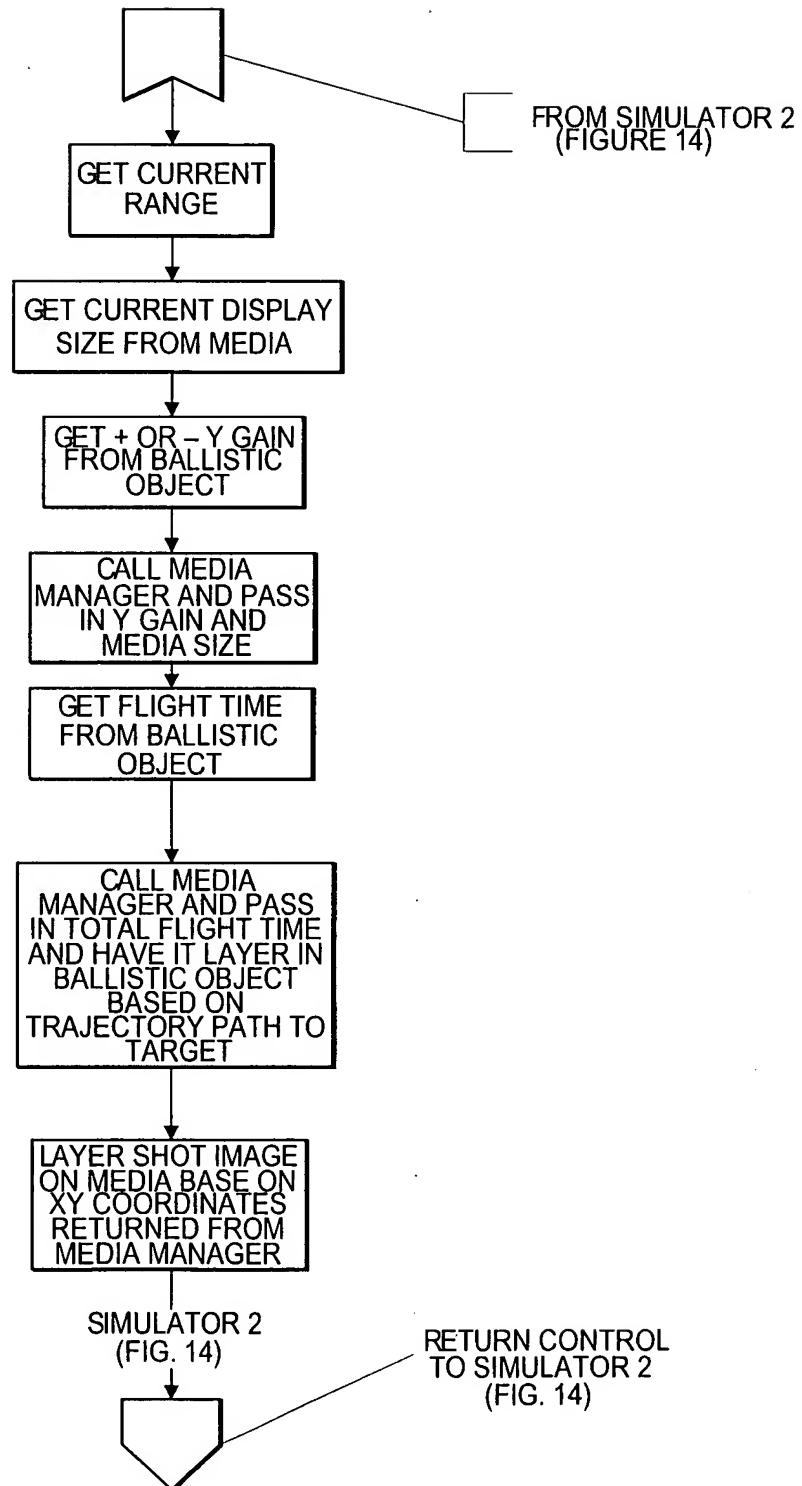


Fig. 16

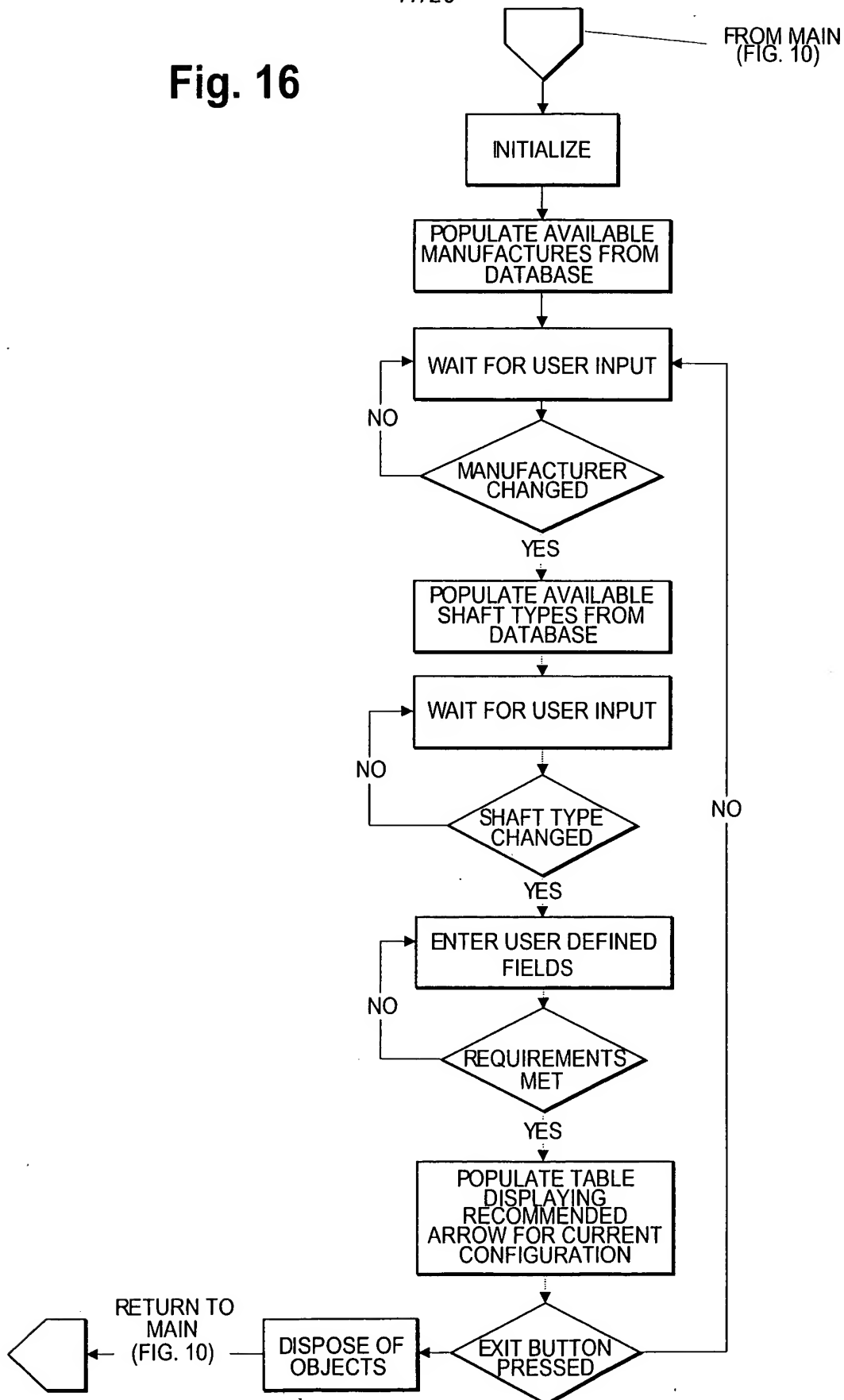


Fig. 17A

Fig. 17

17A	17B
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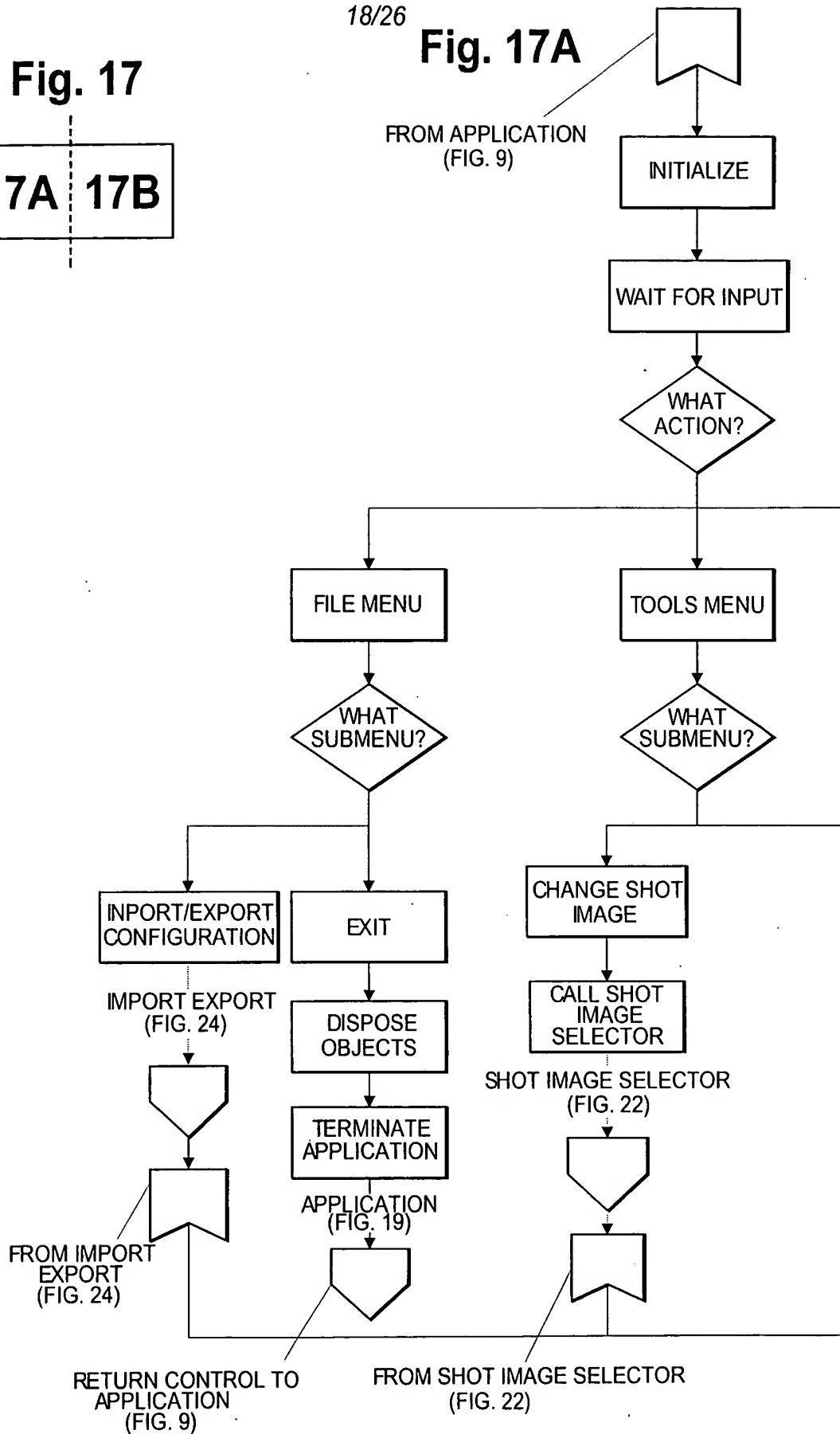


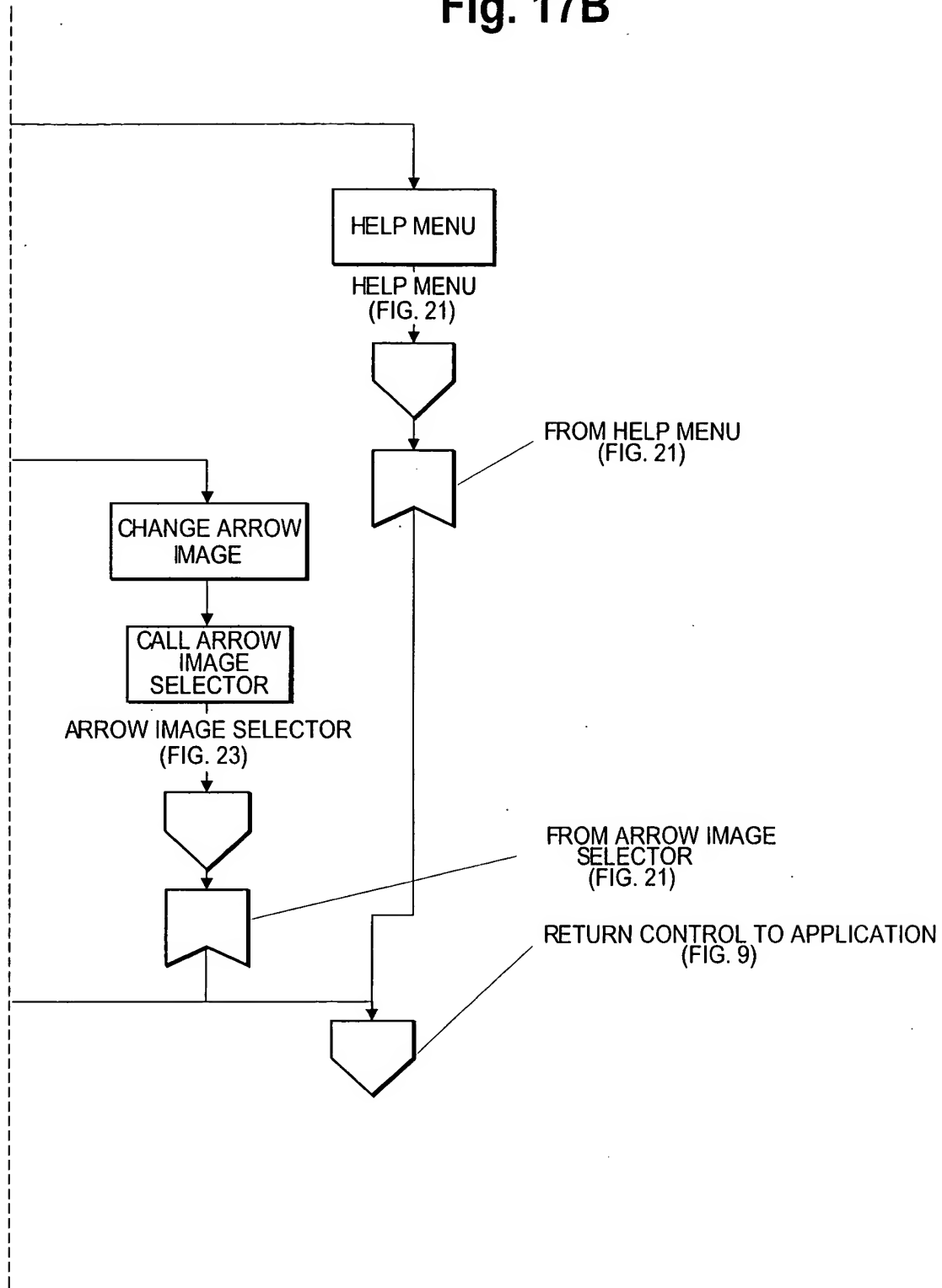
Fig. 17B

Fig. 18

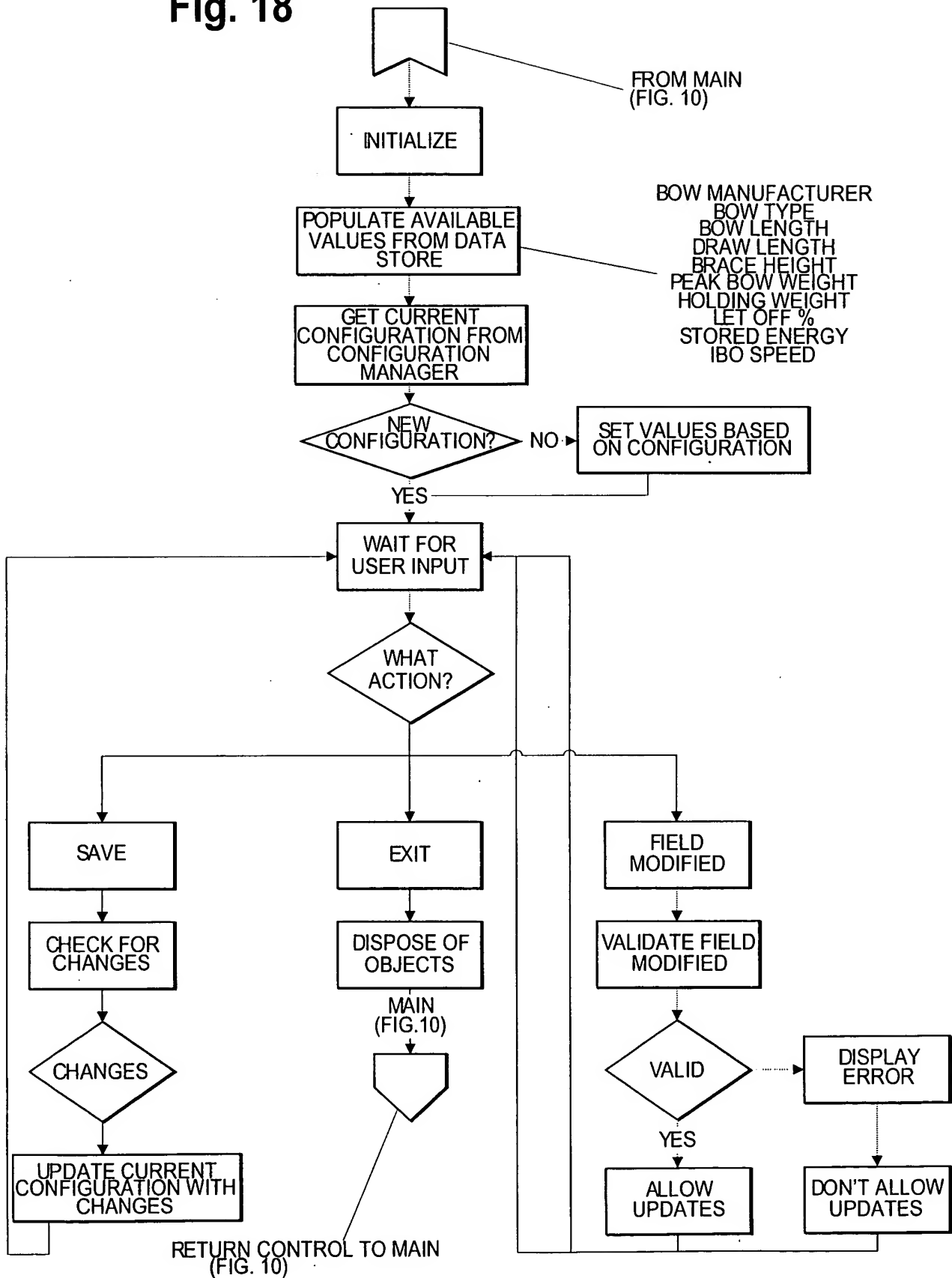


Fig. 19

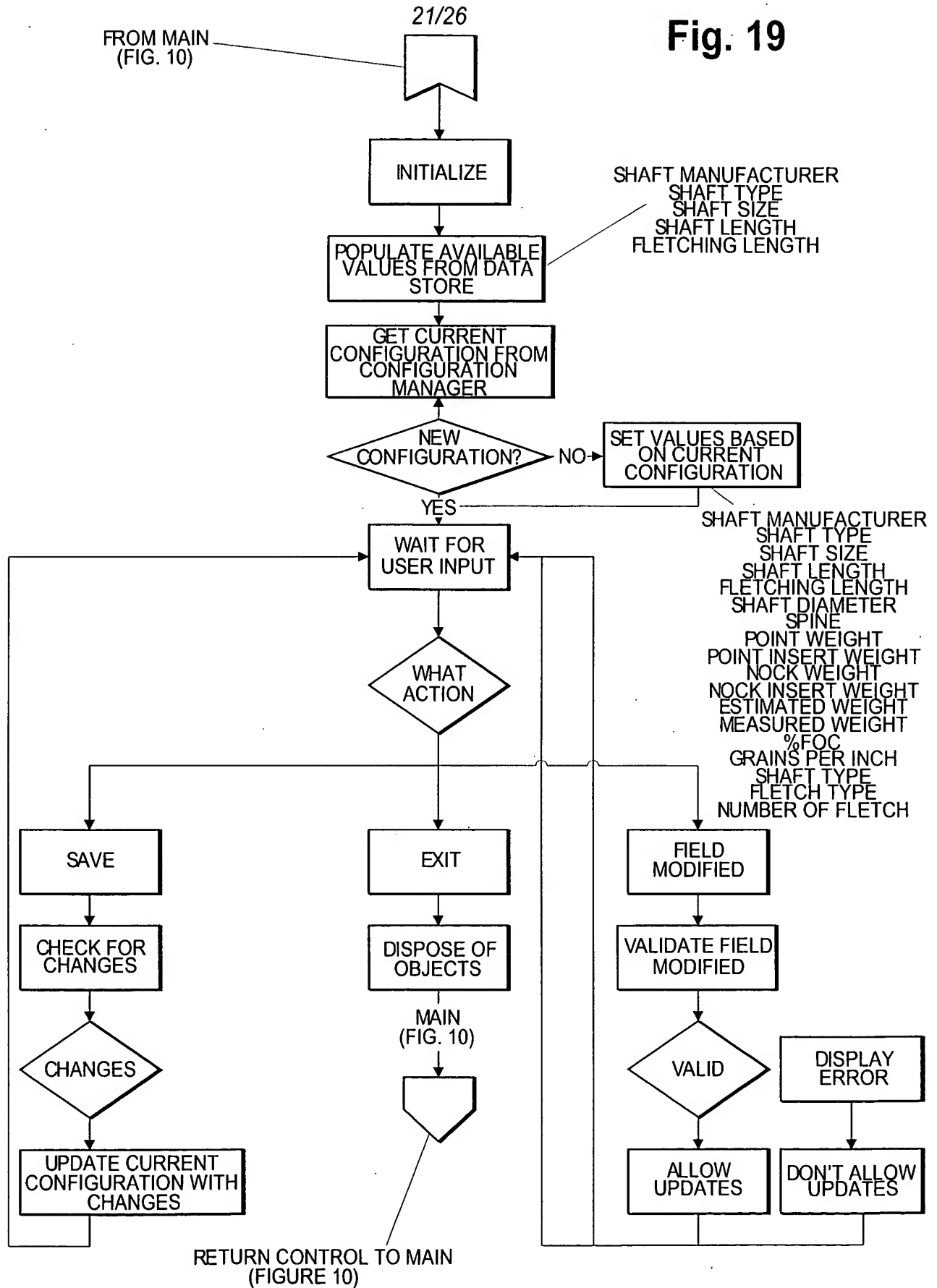


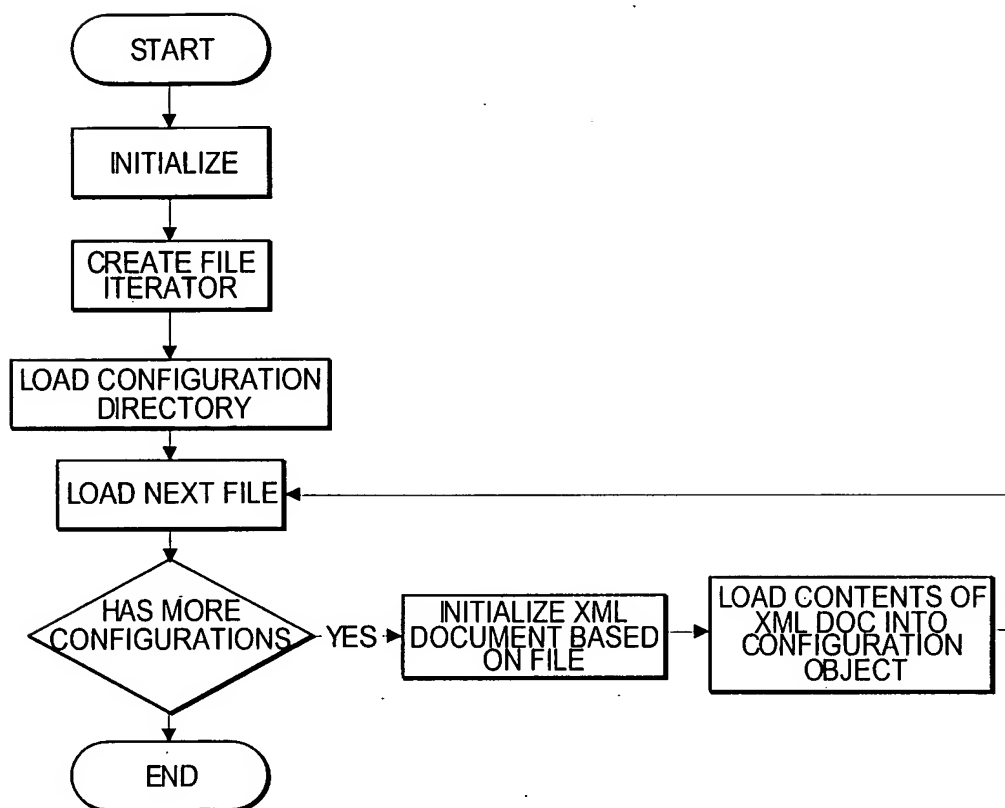
Fig. 20

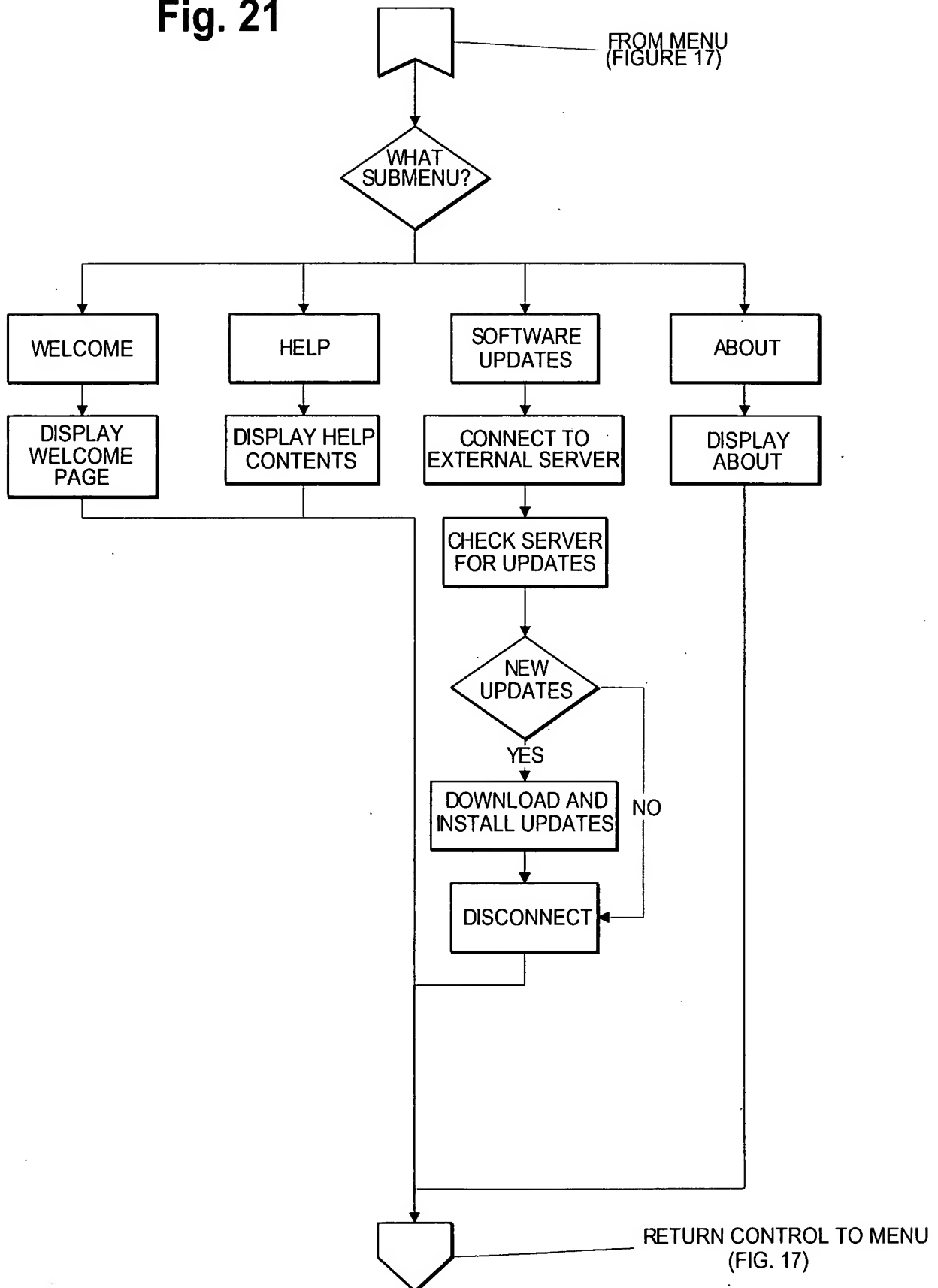
Fig. 21

Fig. 22A

Fig. 22

22A 22B

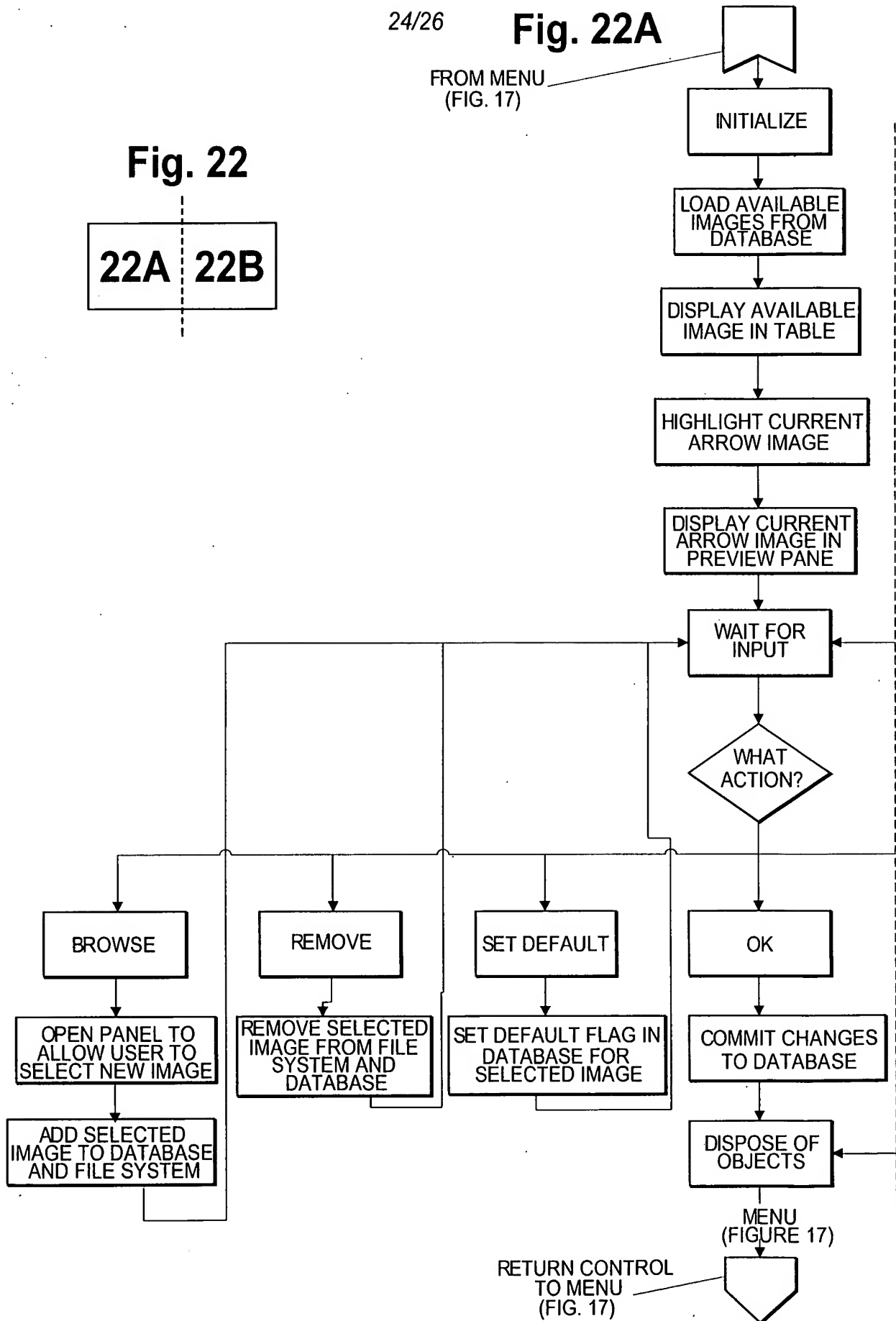


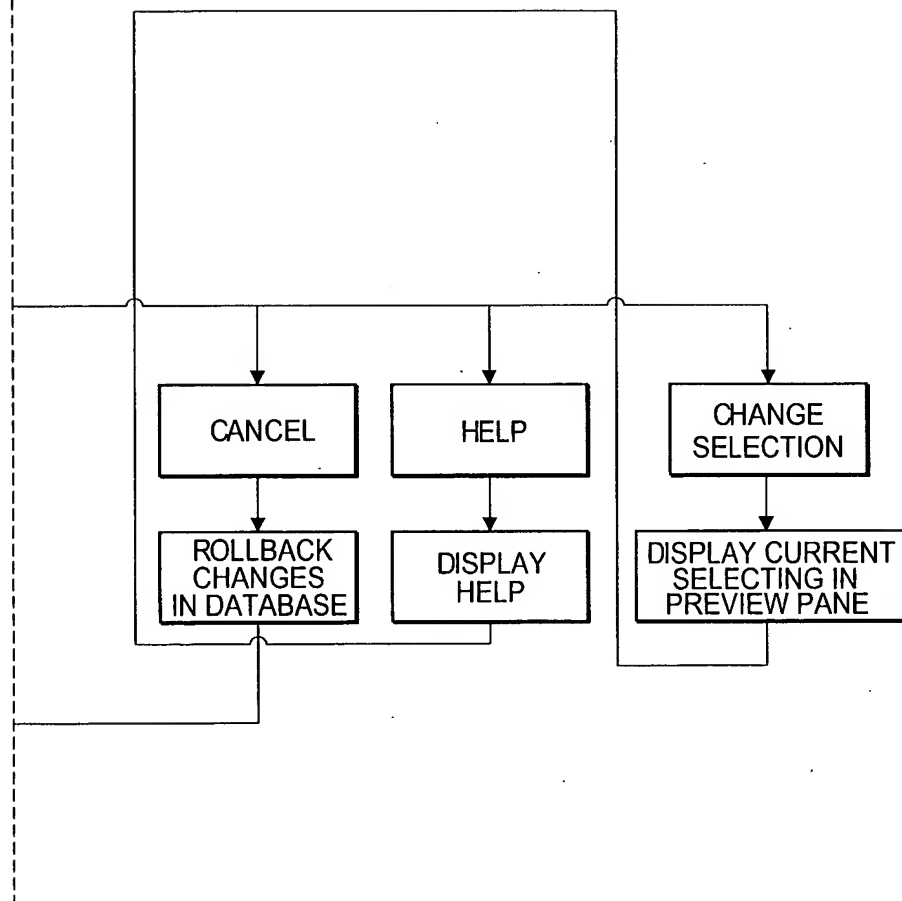
Fig. 22B

Fig. 23